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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/434,498	11/05/1999	MUNEHIRO DATE	ASAIN0058	4034

113 7590 05/23/2003

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EXAMINER

HESS, BRUCE H

ART UNIT	PAPER NUMBER
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1774

DATE MAILED: 05/23/2003

23

Please find below and/or attached an Office communication concerning this application or proceeding.

AS-23

**Office Action Summary**

Application No.

09/434,498

Applicant(s)

Munehiro et al.

Examiner

Bruce Hess

Group Art Unit

1774

— The MAILING DATE of this communication appears on the cover sheet beneath the correspondence address —

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, such period shall, by default, expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- ☒ Responsive to communication(s) filed on 4-4-03 (Amendment)
- ☐ This action is **FINAL**.
- ☐ Since this application is in condition for allowance except for formal matters, **prosecution as to the merits is closed** in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11; 453 O.G. 213.

**Disposition of Claims**

- ☒ Claim(s) 3-6 is/are pending in the application.
- Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- ☒ Claim(s) 3, 4 and 6 is/are allowed.
- ☒ Claim(s) 5 is/are rejected.
- ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- ☐ Claim(s) \_\_\_\_\_ are subject to restriction or election requirement

**Application Papers**

- ☐ The proposed drawing correction, filed on \_\_\_\_\_ is ☐ approved ☐ disapproved.
- ☐ The drawing(s) filed on \_\_\_\_\_ is/are objected to by the Examiner
- ☐ The specification is objected to by the Examiner.
- ☐ The oath or declaration is objected to by the Examiner.

**Priority under 35 U.S.C. § 119 (a)-(d)**

- ☐ Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119 (a)-(d).
- ☐ All ☐ Some\* ☐ None of the:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a))

\*Certified copies not received: \_\_\_\_\_

**Attachment(s)**

- ☐ Information Disclosure Statement(s), PTO-1449, Paper No(s). \_\_\_\_\_ ☐ Interview Summary, PTO-413
- ☒ Notice of Reference(s) Cited, PTO-892 ☐ Notice of Informal Patent Application, PTO-152
- ☐ Notice of Draftsperson's Patent Drawing Review, PTO-948 ☐ Other \_\_\_\_\_

**Office Action Summary**


Art Unit: 1774

1. Claims 3, 4 and 6 are allowed.
2. Claim 5 is rejected under 35 U.S.C. 103(a) as being unpatentable over the patent to Maruyama et al (USP 6,184,180).

This patent teaches the imaging of reversible heat-sensitive paper with heat generated by unfocused light (see Maruyama et al at column 21, lines 22, 24 and 25). Since imaging as opposed to coloration of the entire surface is intended, use of a mask to focus the light would have been obvious to one of ordinary skill in the absence of unexpected results.

Any inquiry concerning this communication should be directed to Bruce Hess at telephone number (703) 308-2402.

B. Hess/dh  
May 9, 2003



BRUCE H. HESS  
PRIMARY EXAMINER